

Supplementary Information

Influence of Sn Content on the Hydrogenation of Crotonaldehyde Catalysed by Colloidally Prepared PtSn Nanoparticles

Lena Altmann,^[a] Xiaodong Wang,^[b] Holger Borchert,^[c] Joanna Kolny-Olesiak,^[c] Volkmar Zielasek,^[a] Jürgen Parisi,^[c] Sebastian Kunz,^{*[a]} and Marcus Bäumer^[a]

[a] Institute of Applied and Physical Chemistry and Center for Environmental Research and Sustainable Technology, University of Bremen Leobener Str. UFT, D-28359 Bremen (Germany)

[b] Technical Electrochemistry, Faculty of Chemistry Technische Universität München, Lichtenbergstrasse 4, D-85748 Garching, Germany

[c] Energy and Semiconductor Research Laboratory, Department of Physics, University of Oldenburg, Carl-von-Ossietzky-Str. 9-11, D-26129 Oldenburg (Germany)

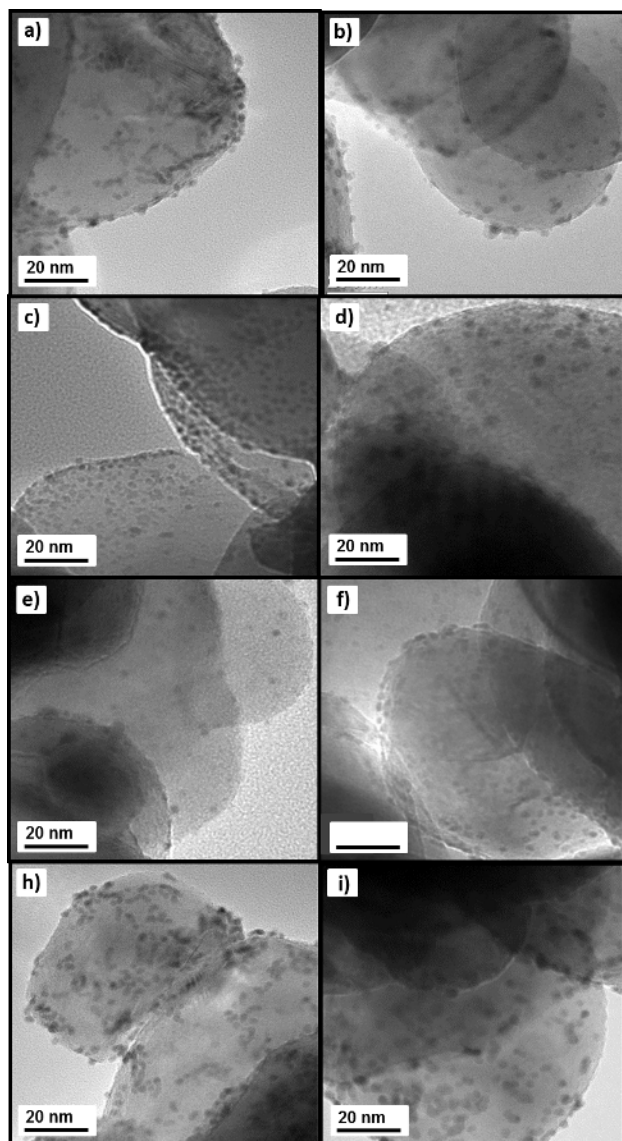


Figure S1: TEM Image of DDA-Pt/TiO₂, DDA-PtSn(10)/TiO₂, DDA-PtSn(23)/TiO₂ and DDA-PtSn(30)/TiO₂, before catalysis a), c), e) and h) and after catalysis with reductive pre-treatment b), d), f) and i) respectively.