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## **Biomimetic models of [NiFe] hydrogenase for electrocatalytic hydrogen evolution**

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# List of Publications

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- ‘Electrocatalytic Proton Reduction by a Model for [NiFeSe] Hydrogenases’  
**G. Gezer**, D. Durán Jiménez, M. A. Siegler, and E. Bouwman, *Dalton Trans.*, 2017, 46, 7506.
- ‘Improved Solubility of Celecoxib by Inclusion in SBA-15 Mesoporous Silica: Drug Loading in Different Solvents and Release.’  
Z. S. Eren, S. Tuncer, **G. Gezer**, L. T. Yildirim, S. Banerjee and A. Yilmaz, *Microporous Mesoporous Mater.*, 2016, 235, 211.
- ‘Nickel-Ruthenium-Based Complexes as Biomimetic Models of [NiFe] and [NiFeSe] Hydrogenases for Dihydrogen Evolution’  
**G. Gezer**, S. Verbeek, M. A. Siegler, and E. Bouwman. *Submitted*.
- ‘Dealkylation through C–S and Ni–S bond cleavage relevant to the mechanism of methyl-coenzyme M reductase (MCR)’  
**G. Gezer**, R. Angamuthu, W. Roorda, M. A. Siegler, M. Lutz, A. L. Spek and E. Bouwman. *In preparation*.
- ‘Synthesis and Characterization of Trinuclear [NiRu] Complexes for Electrocatalytic Proton Reduction’  
**G. Gezer**, D. Durán Jiménez, M.A. Siegler, and E. Bouwman. *Submitted*.

