Biomimetic models of [NiFe] hydrogenase for electrocatalytic hydrogen evolution

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List of Publications

- '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.*