

Work Published

- 31) **Sequential One-Electron Redox Processes in a Homoleptic Rhodium Complex Supported by a Bis(sulfidophosphoranyl)triazine Pincer Framework**
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- 30) **Mapping Proton and Carbon Dioxide Electrocatalytic Reductions at a Rh Complex by In Situ Spectroelectrochemical NMR**
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- 29) **Initiating Olefin Metathesis: Alkylidenes from Molecular Mo(IV)-Oxo Species, Olefins and Base-Promoted Proton Transfer**
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- 28) **The CO₂ Tree: The Potential for Carbon Dioxide Utilization Pathways**
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- 27) **Electrochemical Aldehyde Hydrogenation: Probing the Inner-Sphere Strategy with Nickel-Bipyridine Complexes**
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- 26) **Understanding Ligand Effects on Bielectronic Transitions: Chemo- and Electroreduction of Rhodium Bis(Diphosphine) Complexes to Low Oxidation States**
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- 25) **Activated Mn-MACHO Complexes Form Stable CO₂ Adducts**
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- 24) **Electrocatalytic Hydrogenation of Unsaturated Organic Compounds with Molecular Complexes: Mechanistic Views**
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- 23) **Hydride-free Hydrogenation: Unraveling the Mechanism of Electrocatalytic Alkyne Semihydrogenation by Nickel-Bipyridine Complexes**
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- 21) **Speciation and Structures in Pt Surface Sites Stabilized by N-Heterocyclic Carbene Ligands Revealed by Dynamic Nuclear Polarization Enhanced Indirectly Detected ¹⁹⁵Pt NMR Spectroscopic Signatures and Fingerprint Analysis**
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- 16) **Atomically Dispersed Iridium on Indium Tin Oxide Efficiently Catalyzes Water Oxidation**
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- 14) **A Robust ALD-Protected Silicon-Based Hybrid Photoelectrode for Hydrogen Evolution under Aqueous Conditions**
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