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Publications

PUBLICATIONS

- **Crossing the Oxo-Peroxo Wall for Selective Electrochemical Epoxidation.** *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*
Basera, P., Mandal, S. C., Abild-Pedersen, F., Bajdich, M.
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- **The Role of Cu³⁺ in the Oxygen Evolution Activity of Copper Oxides.** *Journal of the American Chemical Society*
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2025
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2025: 1494-1500
- **Coupling Anionic Oxygen Redox with Selenium for Stable High-Voltage Sodium Layered Oxide Cathodes** *ADVANCED FUNCTIONAL MATERIALS*
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2024
- **Prediction of O and OH Adsorption on Transition Metal Oxide Surfaces from Bulk Descriptors** *ACS CATALYSIS*
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2024
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2023; 14 (1): 5936
- **A Comparative Study of Electrical Double Layer Effects for CO Reduction Reaction Kinetics** *JOURNAL OF PHYSICAL CHEMISTRY C*
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- **Dynamics and Hysteresis of Hydrogen Intercalation and Deintercalation in Palladium Electrodes: A Multimodal In Situ X-ray Diffraction, Coulometry, and Computational Study** *CHEMISTRY OF MATERIALS*
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- **The role of atomic carbon in directing electrochemical CO₂ reduction to multicarbon products** *ENERGY & ENVIRONMENTAL SCIENCE*
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