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Publications

PUBLICATIONS

- **Cation Incorporation into Copper Oxide Lattice at Highly Oxidizing Potentials.** *ACS applied materials & interfaces*
Ostervold, L., Smerigan, A., Liu, M. J., Filardi, L. R., Vila, F. D., Perez-Aguilar, J. E., Hong, J., Tarpeh, W. A., Hoffman, A. S., Greenlee, L. F., Clark, E. L., Janik, M. J., Bare, et al
2023
- **Elucidating the role of Fe-Mo interactions in the metal oxide precursors for Fe promoted Mo/ZSM-5 catalysts in non-oxidative methane dehydroaromatization** *CHEMICAL ENGINEERING JOURNAL*
Hossain, M., Dhillon, G., Liu, L., Sridhar, A., Hiennadi, E. J., Hong, J., Bare, S. R., Xin, H., Ericson, T., Cozzolino, A., Khatib, S. J.
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- **Probing of the Noninnocent Role of P in Transition-Metal Phosphide Hydrogen Evolution Reaction Electrocatalysts via Replacement with Electropositive Si** *CHEMISTRY OF MATERIALS*
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- **Memory-dictated dynamics of single-atom Pt on CeO₂ for CO oxidation.** *Nature communications*
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- **Dynamic Evolution of Palladium Single Atoms on Anatase Titania Support Determines the Reverse Water-Gas Shift Activity.** *Journal of the American Chemical Society*
Chen, L., Allec, S. I., Nguyen, M., Kovarik, L., Hoffman, A. S., Hong, J., Meira, D., Shi, H., Bare, S. R., Glezakou, V., Rousseau, R., Szanyi, J.
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- **Dynamic Tracking of NiFe Smart Catalysts using In Situ X-Ray Absorption Spectroscopy for the Dry Methane Reforming Reaction** *ACS CATALYSIS*
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- **Unlocking the Catalytic Potential of TiO₂-Supported Pt Single Atoms for the Reverse Water-Gas Shift Reaction by Altering Their Chemical Environment** *JACS AU*
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