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Bio

STANFORD ADVISORS

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Publications

PUBLICATIONS

- **The ever-evolving active site: transformation of single atoms to extended structures during the Rh-catalyzed reverse water-gas shift reaction.** *Faraday discussions*
Barber, G., Chen, X., Khan, A., Heinlein, J., Gericke, S. M., Li, M., Zakharov, D., Yang, J., Head, A. R., Cargnello, M., Rioux, R. M., Bare, S. R.
2026
- **Linear Scaling Relationships between Relative Diffraction Peak Intensity and Catalytic Oxidation of Light Alkanes** *ACS CATALYSIS*
Gao, Y., Bao, M., Zhao, C., Heinlein, J., Li, Z., Zhu, B., Cao, X., Hua, C., He, Y.
2025
- **Engineering Direct S-Scheme Heterojunctions with Ultrafast Interfacial Charge Transfer: A Case Study on 2-Dimensional $\alpha\text{-Fe}_2\text{O}_3/\text{Cu}_2\text{O}$ Interfaces** *ACS APPLIED MATERIALS & INTERFACES*
Heinlein, J., He, Y., Song, Y., Zhao, T., Feng, Y., Yanagi, R., Paudel, Y., Sfeir, M. Y., Kocoj, C., Guo, P., Hu, S., Pfefferle, L.
2025
- **Strategic preparation of porous magnetic molecularly imprinted polymers via a simple and green method for high-performance adsorption and removal of meropenem** *TALANTA*
Ma, X., Wang, Y., Wang, W., Heinlein, J., Pfefferle, L. D., Tian, X.
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