

# Stanford

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## Jinyu Guo

Ph.D. Student in Chemical Engineering, admitted Autumn 2019

### Publications

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#### PUBLICATIONS

- **Efficient CO<sub>2</sub> electroreduction on facet-selective copper films with high conversion rate.** *Nature communications*  
Zhang, G., Zhao, Z., Cheng, D., Li, H., Yu, J., Wang, Q., Gao, H., Guo, J., Wang, H., Ozin, G. A., Wang, T., Gong, J.  
2021; 12 (1): 5745
- **Selective aqueous ammonia sensors using electrochemical stripping and capacitive detection** *AIChE Journal*  
Lalwani, A., Dong, H., Mu, L., Woo, K., Johnson, H. A., Holliday, M. A., Guo, J., Senesky, D. G., Tarpeh, W. A.  
2021
- **Electroreduction of CO<sub>2</sub> to Formate on a Copper-Based Electrocatalyst at High Pressures with High Energy Conversion Efficiency.** *Journal of the American Chemical Society*  
Li, J. n., Kuang, Y. n., Meng, Y. n., Tian, X. n., Hung, W. H., Zhang, X. n., Li, A. n., Xu, M. n., Zhou, W. n., Ku, C. S., Chiang, C. Y., Zhu, G. n., Guo, et al  
2020