

Stanford



Dali Yang

Postdoctoral Scholar, Photon Science, SLAC

Bio

STANFORD ADVISORS

- Britt Hedman, Postdoctoral Faculty Sponsor
- Ritimukta Sarangi, Postdoctoral Research Mentor

Publications

PUBLICATIONS

- **Electrophotochemical Ce-Catalyzed Ring-Opening Functionalization of Cycloalkanols under Redox-Neutral Conditions: Scope and Mechanism** *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*
Yang, Z., Yang, D., Zhang, J., Tan, C., Li, J., Wang, S., Zhang, H., Huang, Z., Lei, A.
2022; 144 (30): 13895-13902
- **Site-selective amination towards tertiary aliphatic allylamines** *NATURE CATALYSIS*
Wang, S., Gao, Y., Liu, Z., Ren, D., Sun, H., Niu, L., Yang, D., Zhang, D., Liang, X., Shi, R., Qi, X., Lei, A.
2022; 5 (7): 642-651
- **Scalable and selective deuteration of (hetero) arenes** *NATURE CHEMISTRY*
Li, W., Rabeah, J., Bourriquen, F., Yang, D., Kreyenschulte, C., Rockstroh, N., Lund, H., Bartling, S., Surkus, A., Junge, K., Brueckner, A., Lei, A., Beller, et al
2022; 14 (3): 334+
- **Electrochemical Cobalt-catalyzed Cyclotrimerization of Alkynes to 1,2,4-Substituted Arenes** *ACS CATALYSIS*
Liang, K., Lu, L., Liu, X., Yang, D., Wang, S., Gao, Y., Alhumade, H., Yi, H., Lei, A.
2021; 11 (24): 14892-14897
- **Electrochemical Oxidation Enables Regioselective and Scalable α -C(sp³)-H Acyloxylation of Sulfides** *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*
Wang, H., He, M., Li, Y., Zhang, H., Yang, D., Nagasaka, M., Lv, Z., Guan, Z., Cao, Y., Gong, F., Zhou, Z., Zhu, J., Samanta, et al
2021; 143 (9): 3628-3637
- **Intermetallic Compounds as an Alternative to Single-atom Alloy Catalysts: Geometric and Electronic Structures from Advanced X-ray Spectroscopies and Computational Studies** *CHEMCATCHEM*
Wegener, E. C., Bukowski, B. C., Yang, D., Wu, Z., Kropf, A., Delgass, W. N., Greeley, J., Zhang, G., Miller, J. T.
2020; 12 (5): 1325-1333