

Stanford

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Bio

STANFORD ADVISORS

- Richard Zare, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **One-Step Formation of Pharmaceuticals Having a Phenylacetic Acid Core Using Water Microdroplets.** *Journal of the American Chemical Society*
Meng, Y., Gnanamani, E., Zare, R. N.
2023
- **Catalyst-Free Decarboxylative Amination of Carboxylic Acids in Water Microdroplets.** *Journal of the American Chemical Society*
Meng, Y., Gnanamani, E., Zare, R. N.
2022
- **Direct C(sp³)-N Bond Formation between Toluene and Amine in Water Microdroplets.** *Journal of the American Chemical Society*
Meng, Y., Gnanamani, E., Zare, R. N.
2022
- **Spraying Water Microdroplets Containing 1,2,3-Triazole Converts Carbon Dioxide into Formic Acid.** *Journal of the American Chemical Society*
Song, X., Meng, Y., Zare, R. N.
2022
- **Laser Ablation Electrospray Ionization Achieves 5 μ m Resolution Using a Microlensed Fiber.** *Analytical chemistry*
Meng, Y., Song, X., Zare, R. N.
2022
- **Capture of Hydroxyl Radicals by Hydronium Cations in Water Microdroplets.** *Angewandte Chemie (International ed. in English)*
Xing, D., Meng, Y., Yuan, X., Jin, S., Song, X., Zare, R. N., Zhang, X.
2022