Stanford

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Bio

INSTITUTE AFFILIATIONS

- Chemistry Biology Interface Fellow, Sarafan ChEM-H

Publications

PUBLICATIONS

- **Synthesis of hydrazine-functionalized Polyrotaxane and formation of adaptable sliding hydrogels.** *MethodsX*
  Loveland, S. J., Tong, X., Lee, H. P., Zhou, C. L., Yang, F.
  2026; 16: 103970

- **Evaluating the Green Solvent d-Limonene for Sustainable Chemical Delamination in Solar Panel Recycling** *JOURNAL OF ENERGY RESOURCES TECHNOLOGY PART A-SUSTAINABLE AND RENEWABLE ENERGY*
  Yang, J., Burra, K., Correll-Brown, R., Zhou, C., Liu, X., Gupta, A.
  2026

- **Oleo-sheets and omni-sheets: Fabric-like superabsorbers for oil, water, or any solvent** *CHEMICAL ENGINEERING JOURNAL*
  Choudhary, H., Zhou, C., Raghavan, S. R.
  2023; 473

- **A better picker-upper: Superabsorbent "gel sheets"with fabric-like flexibility** *MATTER*
  Choudhary, H., Zhou, C., Raghavan, S. R.
  2023; 6 (2): 521-536